GSM Enabled SMS Client

Routesms Solutions Limited

User Manual

Version: 1.0

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Overview

GSM Enabled SMS Client

This software can be use to send bulk text messages using GSM modems/mobile phones connected to serial/virtual serial port of a computer via data cable/bluetooth/infrared. The messages can be sent in English or in any other Unicode Supported languages. This software has very wide range of features and good stability thus making it perfect choice for sending product/stock updates etc.

To send/receive SMS using this application connect the phone or modem with active SIM Card to PC and use this application to send or receive message.

We can also manage phone book using this application. Send text message by simply specifying the destination mobile number and the text message. Can send 160 character messages with default 7-bit character encoding (as per ETSI GSM 03.38) and 140 character messages with 8-bit encoding. Can send 70 character messages in international languages (e.g. Arabic, Chinese, Russian, Thai, Greek, Hebrew, Hindi etc) using 16-bit Unicode (UCS2) encoding. Allows delivery format selection for long messages (e.g. Truncate, Split, Concatenate and Formatted Split).Can send flash (alert) message that is immediately displayed on destination phone screen.

Requirements:

Operating Systems:

The application runs on Microsoft Windows 98/2000/XP/2003/Vista or higher version of windows.

Runtime Environment:

The application would require Microsoft dot net framework 3.5 or higher version to be installed on your system. But in case you don't have, this application will redirect you to pages where you can download and install the dot net framework 3.5.

GSM Modem with SIM Card

This application has been designed to work with any ETSI GSM 07.05 (Version 7.0.1 Release 1998) compatible GSM modem. Any GSM mobile phone (with suitable serial/USB data cable or Infrared port) that has built in modem and support AT commands. Some of the popular GSM modems with which this application has been tested are as follows:

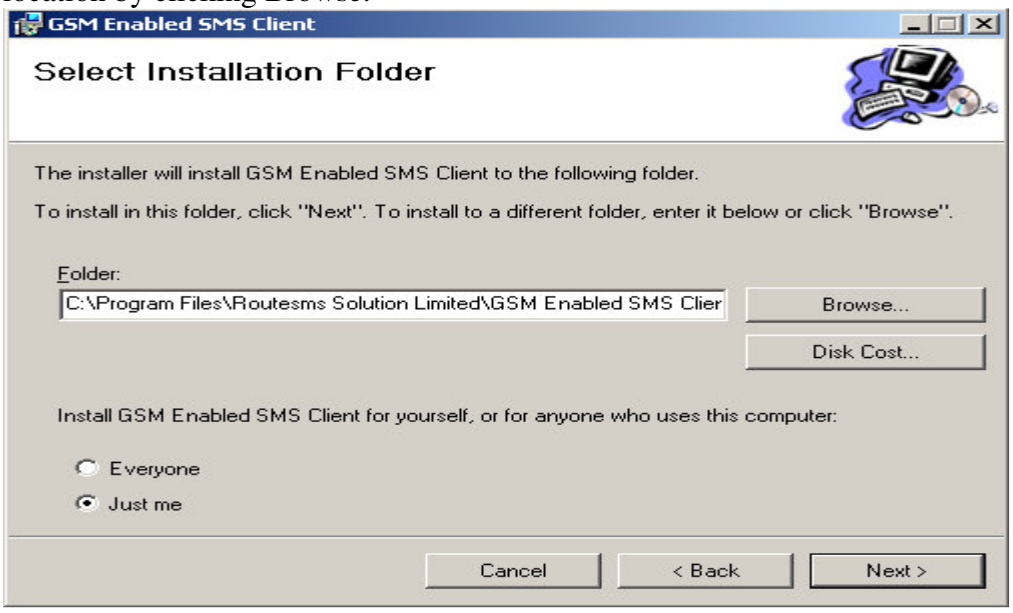
- **Enfora:** SA-EL, SA-G, SA-GL
- **Falcom:** Twist, Swift, Samba 55, Samba 75
- **iTegno:** WM1080A, WM1080A1I, WM1080A1E, 3000, 3232E, 3232I, 3898
- **Multitech:** MTCBA-G-UF1, MTCBA-G-UF2
- **Nokia:** N30, N32, 6100, 6210, 6220, 6310, 6310i, 6820(Bluetooth), 8910
- **Siemens:** TC35, TC35i, TC45, TC65, MC35, MC35i, MC45, MC55, MC65, MC75, A65, AC75, AC45, C35, C45, M35, M45, S35
- **SIMCOM:** SIM100S, SIM100T
- **Sony Ericsson:** T310, T610, T630, T68, T68i, K310, K320, K500, K510, K600, K700, K750i, K800i, V800, W300, W550, W600, W700, W800i, W810, W900, Z1010, GC75, GC79, GC83, GC85, GC89
- **Teltonika:** T-Modem's, T-ModemCOM
- **Wavecom:** Fastrack M1206B, Fastrack M1306B, Integra, WMOi3

Installation:

After downloading the application executable (setup) file, double click it to start the installation. Once the installation begins you just need to enter appropriate inputs as the installation proceeds. After the installation has successfully completed it will show you a dialog about successful installation of the software .It will launch shortcut icon on users desktop and program menu, you can use it to start the application.

Some of the dialogs during installation and the appropriate input for them are shown below:

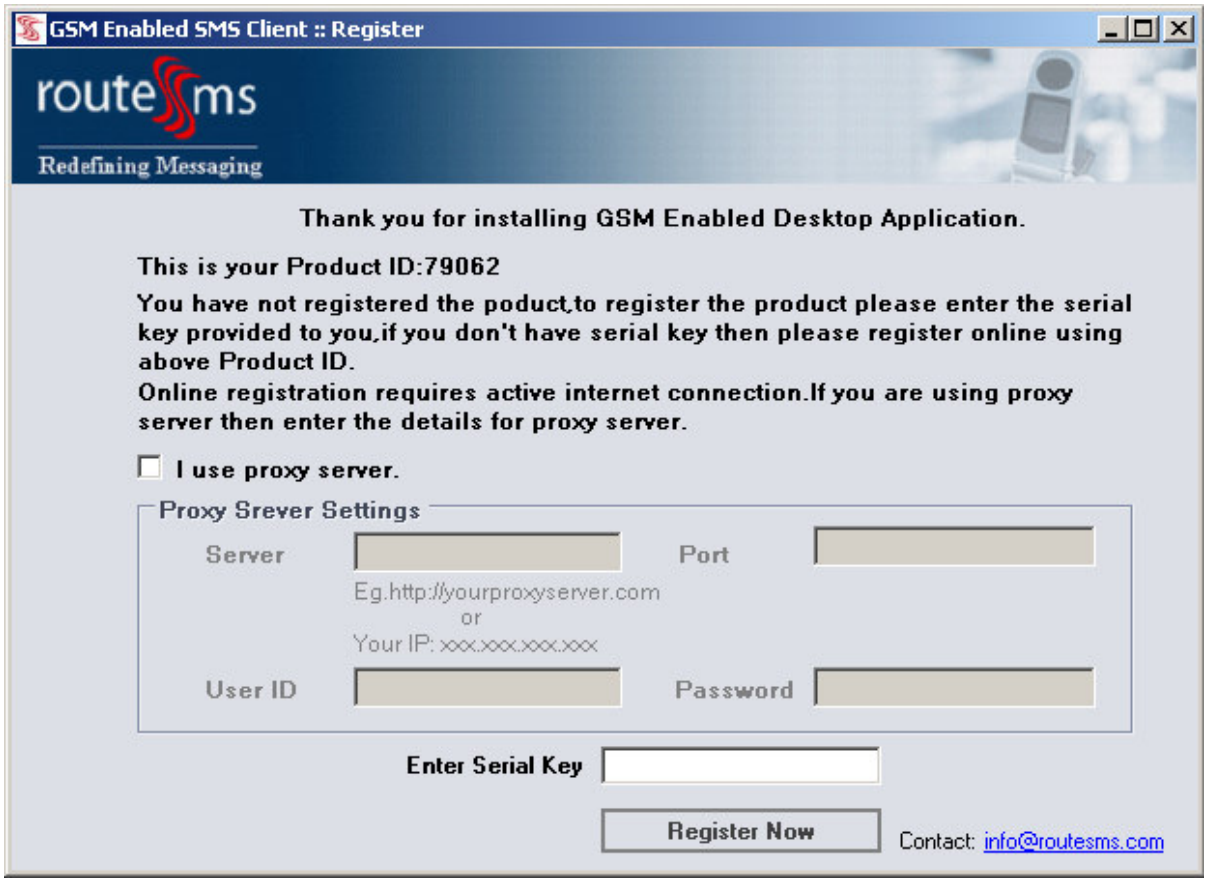
This dialogue asks you the location for the application directory, the default path will be in 'Program Files', if you want the application to be installed elsewhere you can select the location by clicking Browse.



Using the Desktop Client:

1. Registration Page:

Once you have installed the application on your desktop you can start using it right away. Just double-click the desktop short-cut or select the application from under the programs menu. This will start the application and you will see a registration screen similar to this:

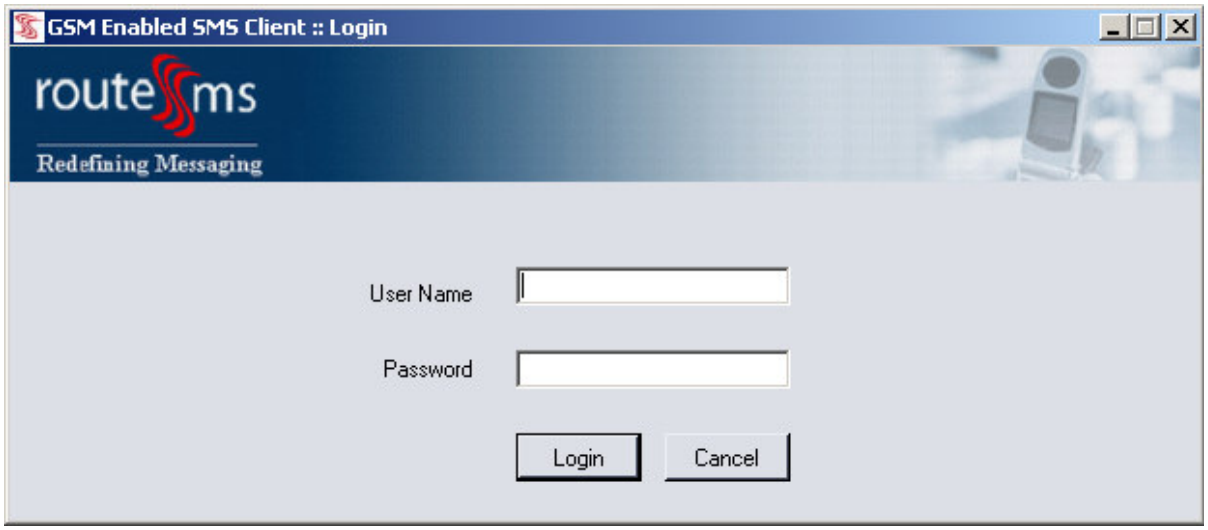


Registration :

- To use this application you have to register it. Enter the serial key provided to you.
- If you doesn't have serial key then register it online, use your Product ID for online registration.
- If you are using proxy server then enter the proxy settings.
- For any query or support please contact us at info@routesms.com

2. Login Page:

Once you have installed the application on your desktop you can start using it right away. Just double-click the desktop short-cut or select the application from under the programs menu. This will start the application and you will see a login screen similar to this:

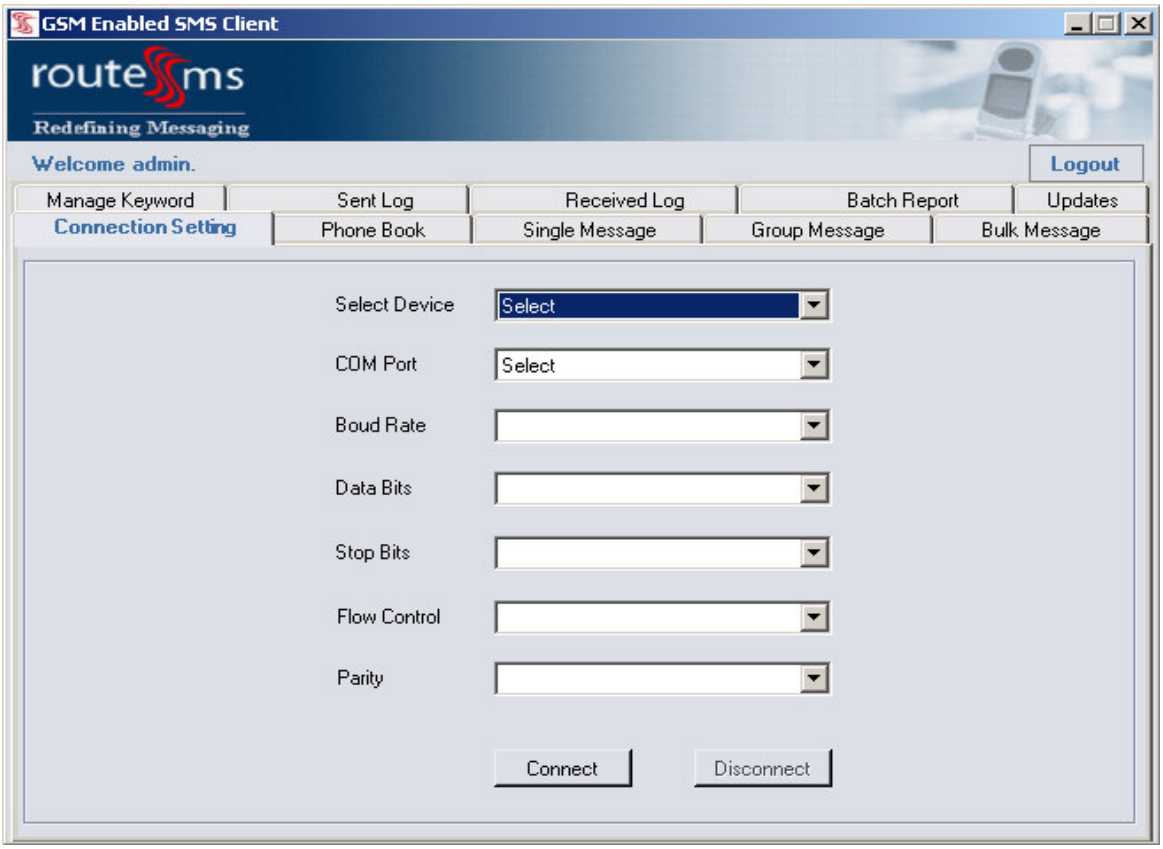


Login :

- Enter the user name and password provides to you in this dialog screen and click '**login**' button.
- If you have enter correct user name and password then it will redirect you to next page, otherwise it will show message box saying 'Invalid user name or password.
- If you want to close the application then click '**Cancel**' Button.

3. Connection Setting:

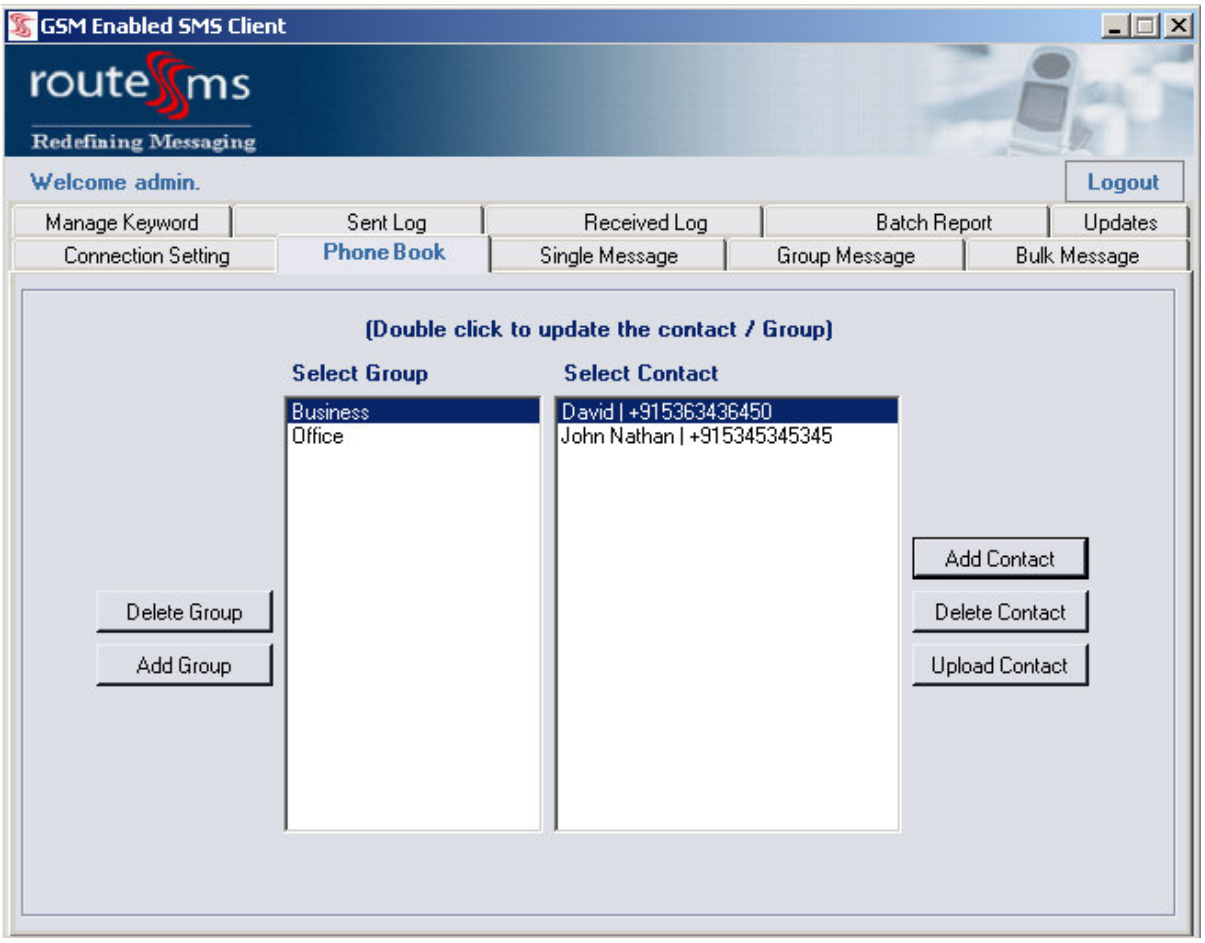
Before using application to send or receive message using GSM modem you have to enter all the details shown in connection setting tab.



Connection Setting :

- Select the device shown in select device combo box. The combo box will display all the active devices which were connected at COM port.
- Once you select the device, all the remaining properties get automatically filled. Then click connect button to connect the modem.
- If modem will not connect then check the all the properties in device manager.
- You will get device manager in control panel>>computer management>>device manager.
- In device manager select the modem then select your device and right click to go to properties.
- To disconnect modem click disconnect button, if you close the application then modem will automatically get disconnected.

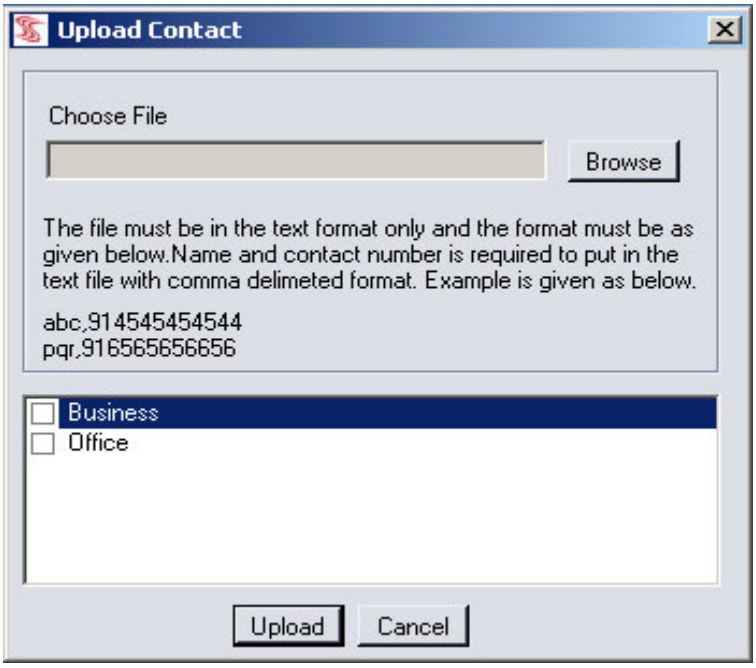
4. Phone Book:



Phone book:

- Here you can maintain contact, create group, update group and delete group.
- This will display group and contact accordingly.
- To delete group, select the group and click delete group button.
- To add group click Add group button, this will display another form, fill the details and click submit.
- To add contact click add contact, this will display another form, fill the details and click submit.
- To update contact select contact and click update button.
- To delete contact select contact and click delete button.

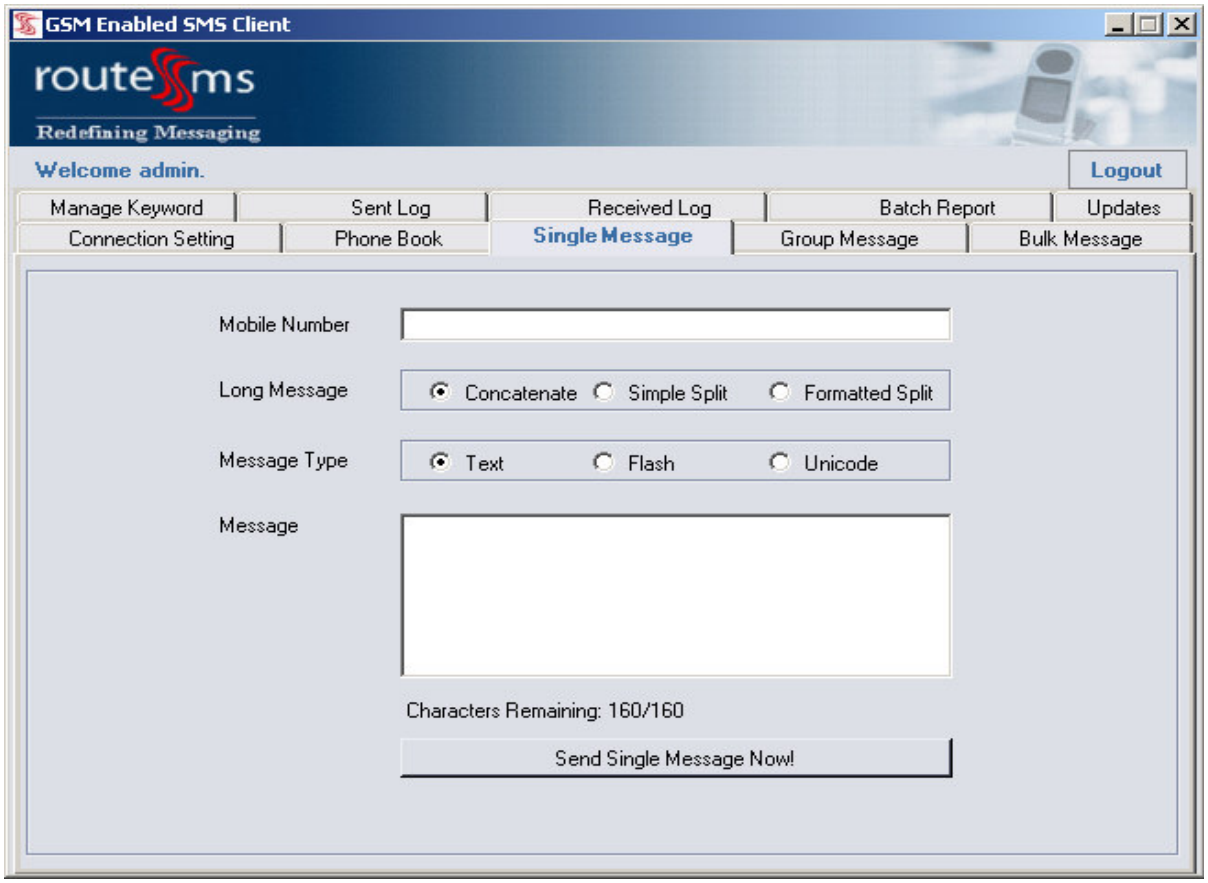
5. Upload Contact:



Upload Contact :

- Select the file using browse button. File must be in text format with name and contact number.
- Select the group to which you want to add contacts and then click upload.

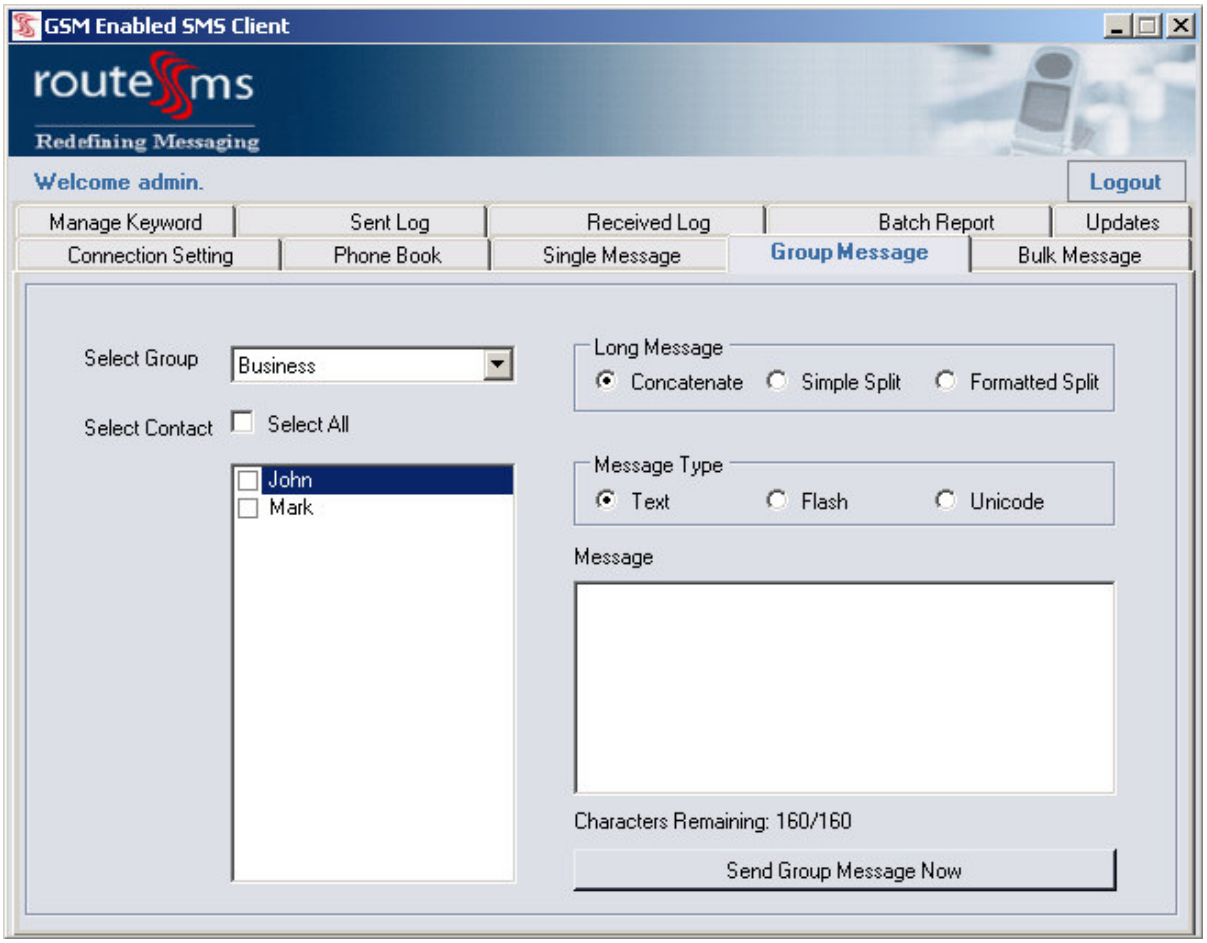
6. Single Message:



Single Message :

- Enter the mobile number, if your modem requires country code then enter it with '+' sign.
- You can also send long message. Select the appropriate option for long message according to your requirements.
- Concatenate: Sends long messages as a concatenated multiple messages which display as one single message on recipient's mobile device.
- Simple Split: Splits long messages in to multiple SMS so that each one has a length within the maximum allowed length per SMS.
- Formatted Split: Splits long messages in to multiple SMS with pagination so that each one has a length within the maximum allowed length per SMS.
- Select the message type.
- Type the message and click the send button.

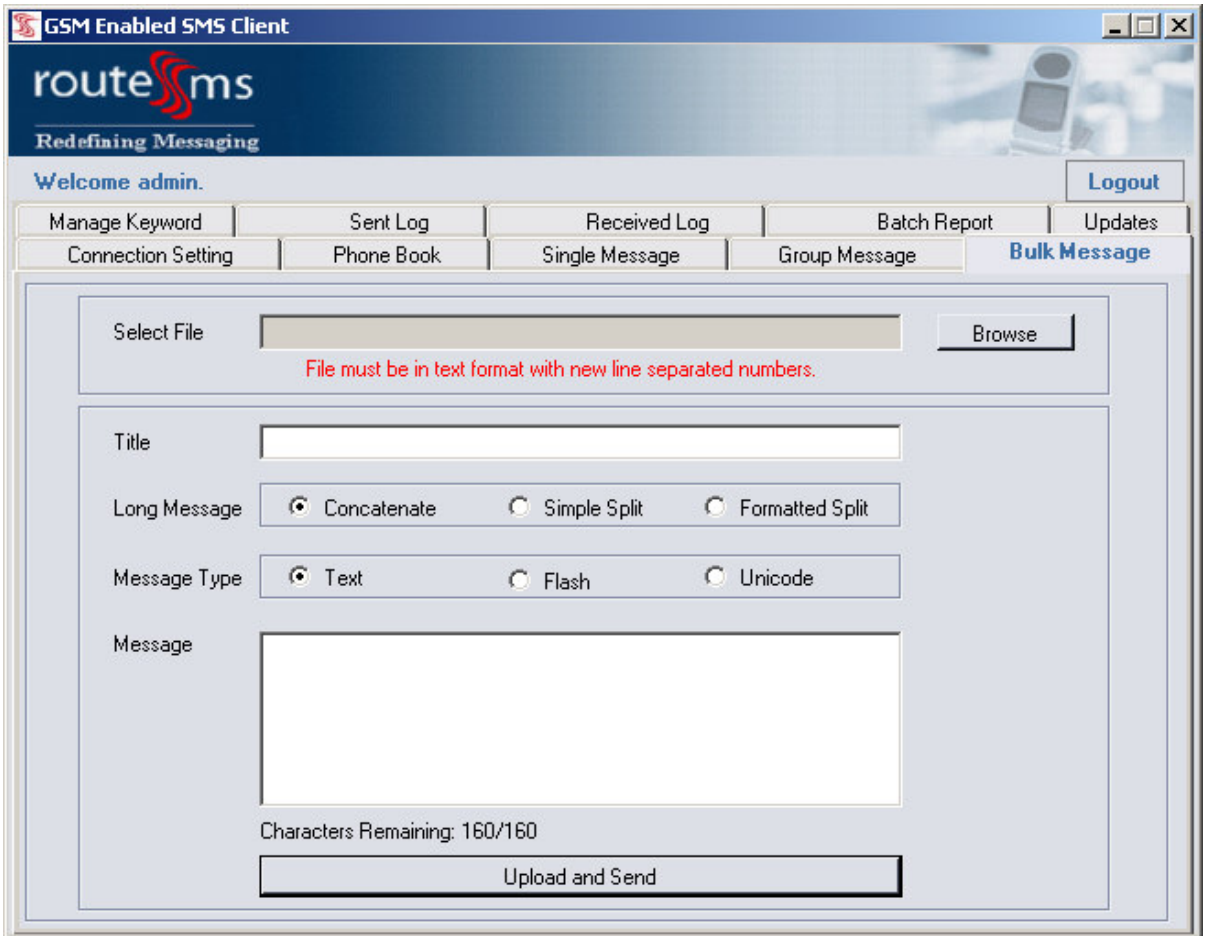
7. Group Message:



Group Message:

- Select the group to which you have to send message.
- Select contact if want to send message to all contact's in group then select 'Select All' checkbox.
- You can also send long message. Select the appropriate option for long message according to your requirements.
- Select the message type.
- Click 'Send group message now' button, this will send message. To check the status of group message use sent log report.

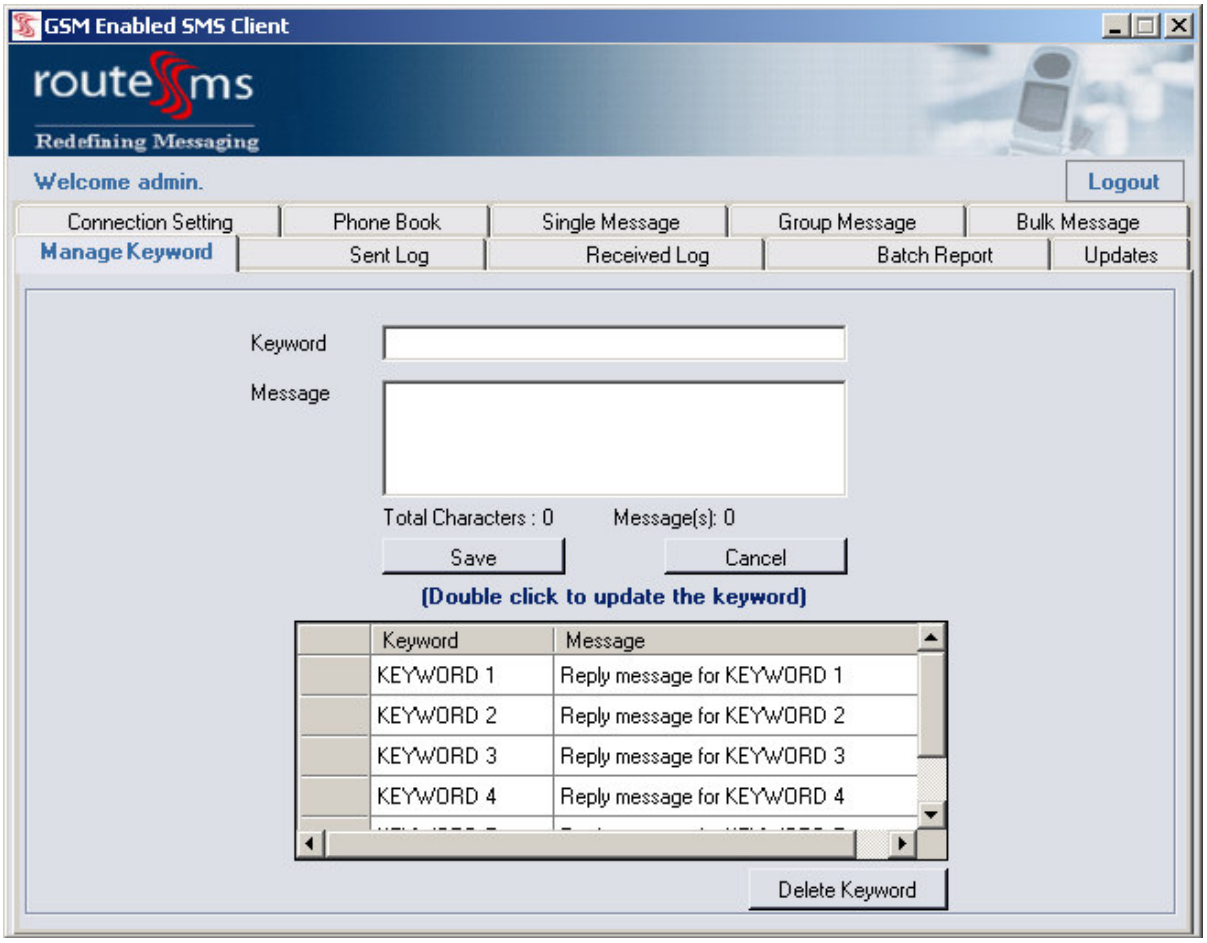
8. Bulk Message:



Bulk Message:

- Select the file to which you want to upload, file must contain new line separated numbers.
- Enter the title for bulk upload, which you can use to see the batch report.
- Select the appropriate format for message.
- Select the message type.
- Enter the message and click 'Upload and Send' to send message. To check the status of bulk message use batch report.

9. Manage Keyword:

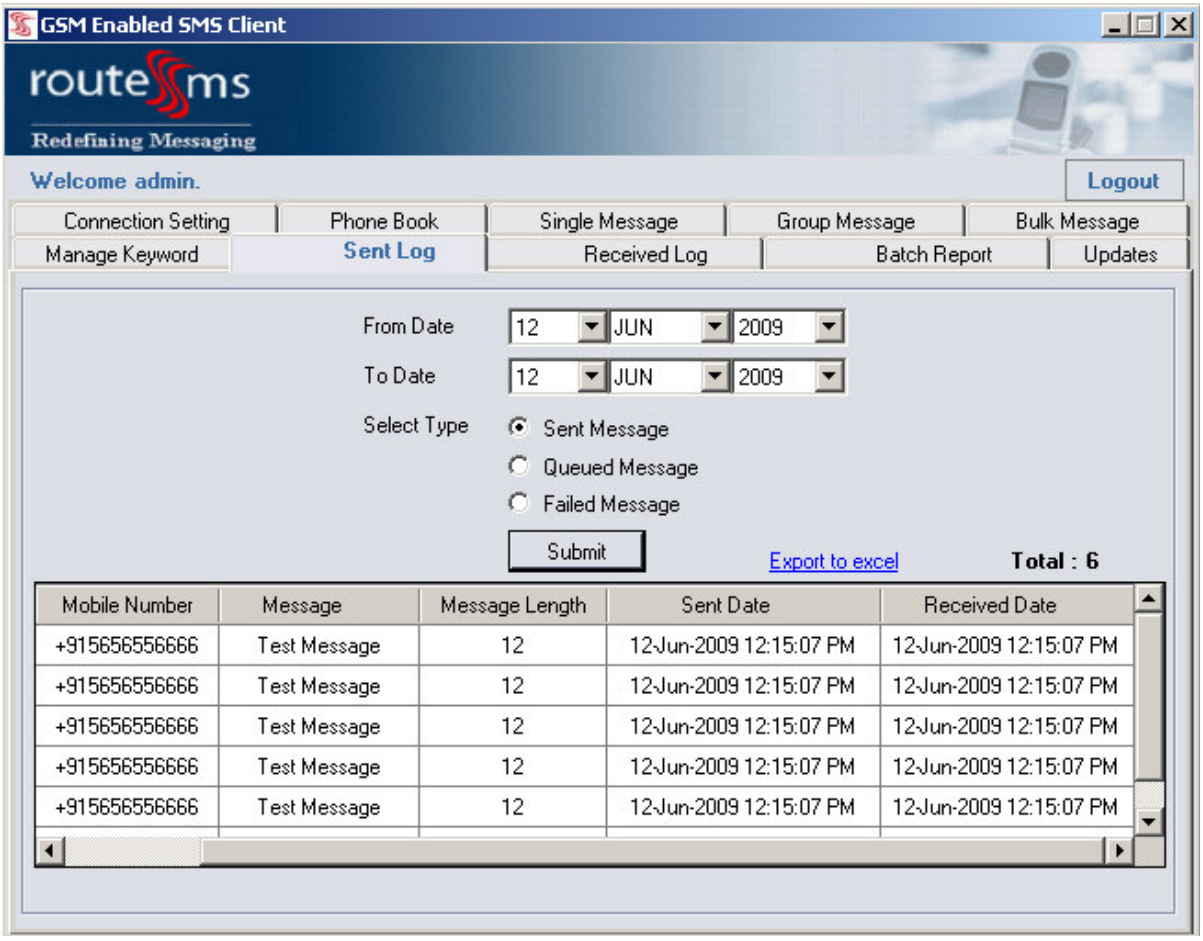


Manage keyword:

- If you want to add keywords then enter the keyword and message for keyword and click '**save**' button.
- If you want to update any keyword then double click the keyword in table and update it then click **'save'**.
- If you want to delete the keyword then select the keyword and click the **'delete keyword'** button.
- To navigate between pages select buttons provided at bottom of report.
- This application will automatically reply to the messages according to keyword.

10. Sent Log:

To see the status of sent messages you can use this tab.

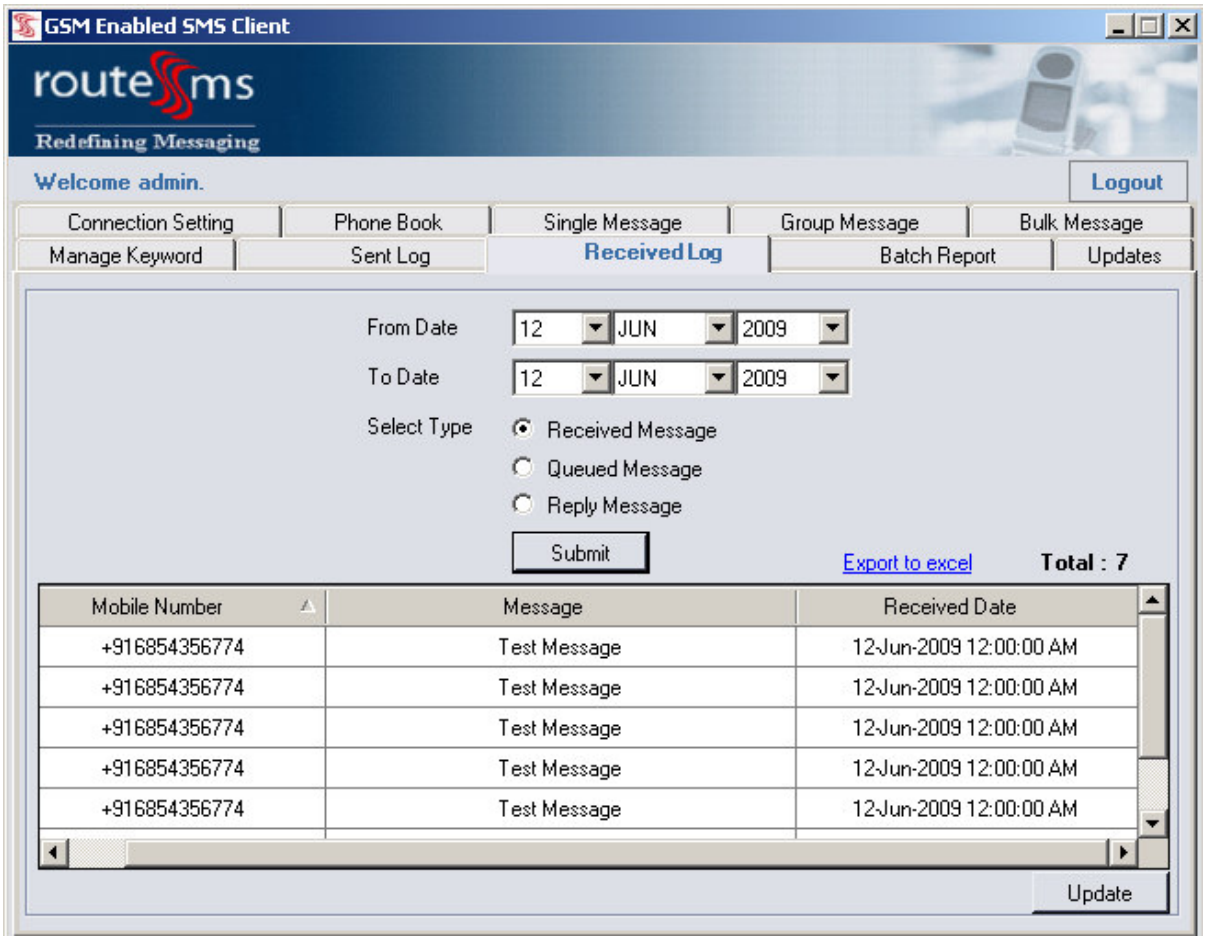


Sent log:

- Select the 'From Date' and 'To Date' for which you want to see log.
- Select the message type.
- Click submit button to view log.
- If you want to export the message log then you can use 'Export to excel' link. This will export the log in MS-Excel.
- To navigate between pages select buttons provided at bottom of report.
- In failed message log, you can edit the mobile number if it was wrong and again send to queue.

11. Received Log:

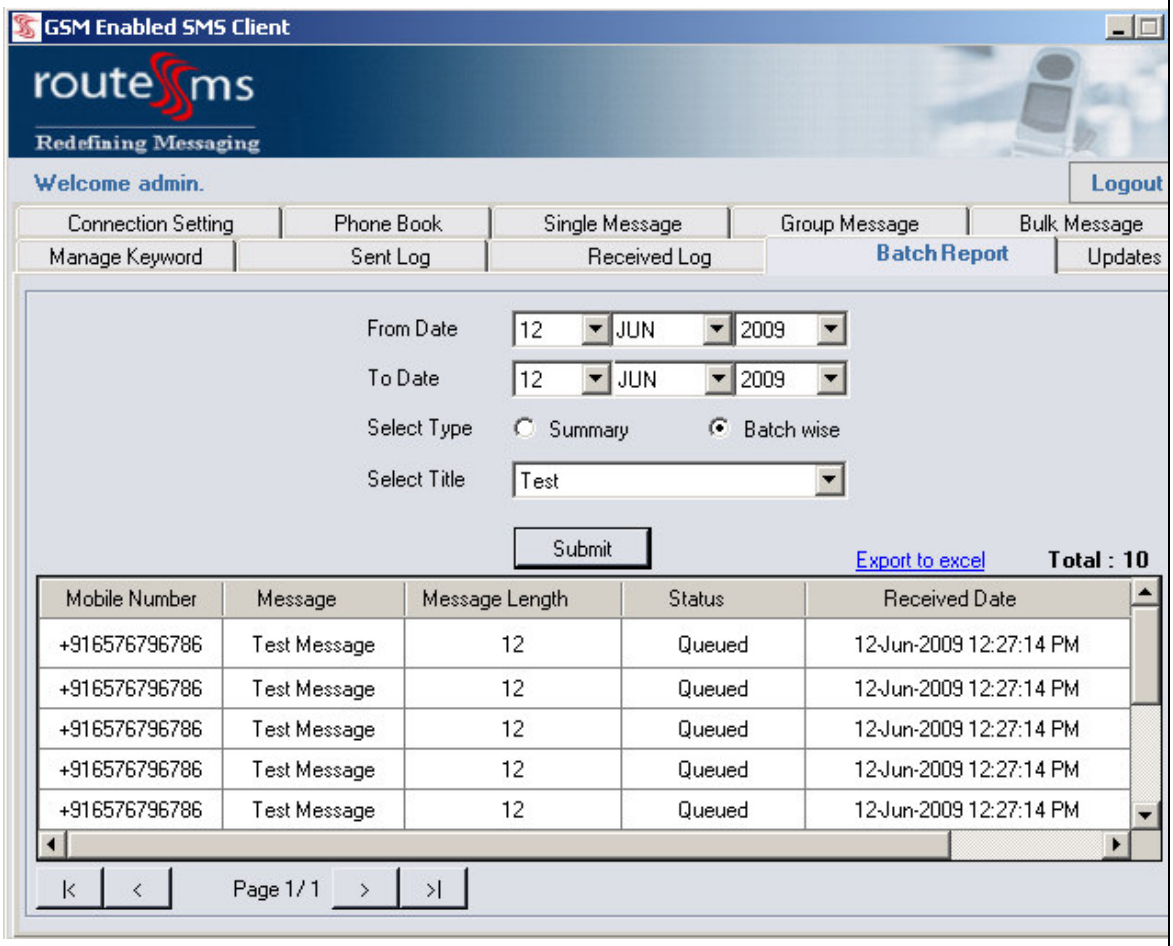
To see the status of received messages you can use this tab.



Received Log:

- Select the 'From Date' and 'To Date' for which you want to see log.
- Select the message type.
- Click 'Submit' to view log.
- If you want to export the message log then you can use 'Export to excel' link. This will export the message log in MS-Excel.
- To navigate between pages select buttons provided at bottom of report.
- In Received Message log you can edit the message by clicking on it and update the same.

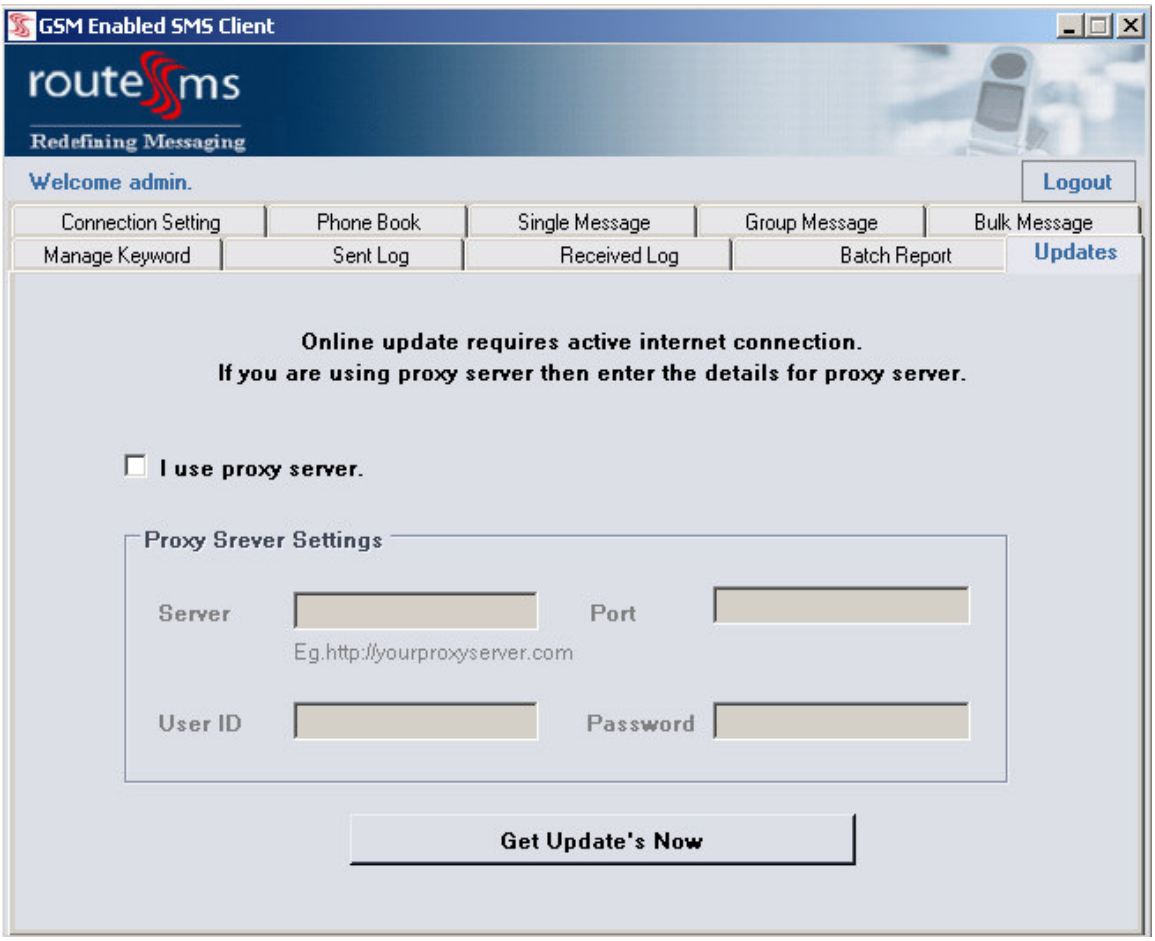
12. Batch Report:



Batch Report:

- Select the 'From Date' and 'To Date' for which you want to see batch report.
- Select the type. Summary gives the batch wise report and Batch wise gives summary for the batch.
- In summary report you can also delete batch, first select the batch and click delete Batch button.
- Click 'Submit' to view log.
- If you want to export the message log then you can use 'Export to excel' link. This will export the message log in MS-Excel.
- To navigate between pages select buttons provided at bottom of report.

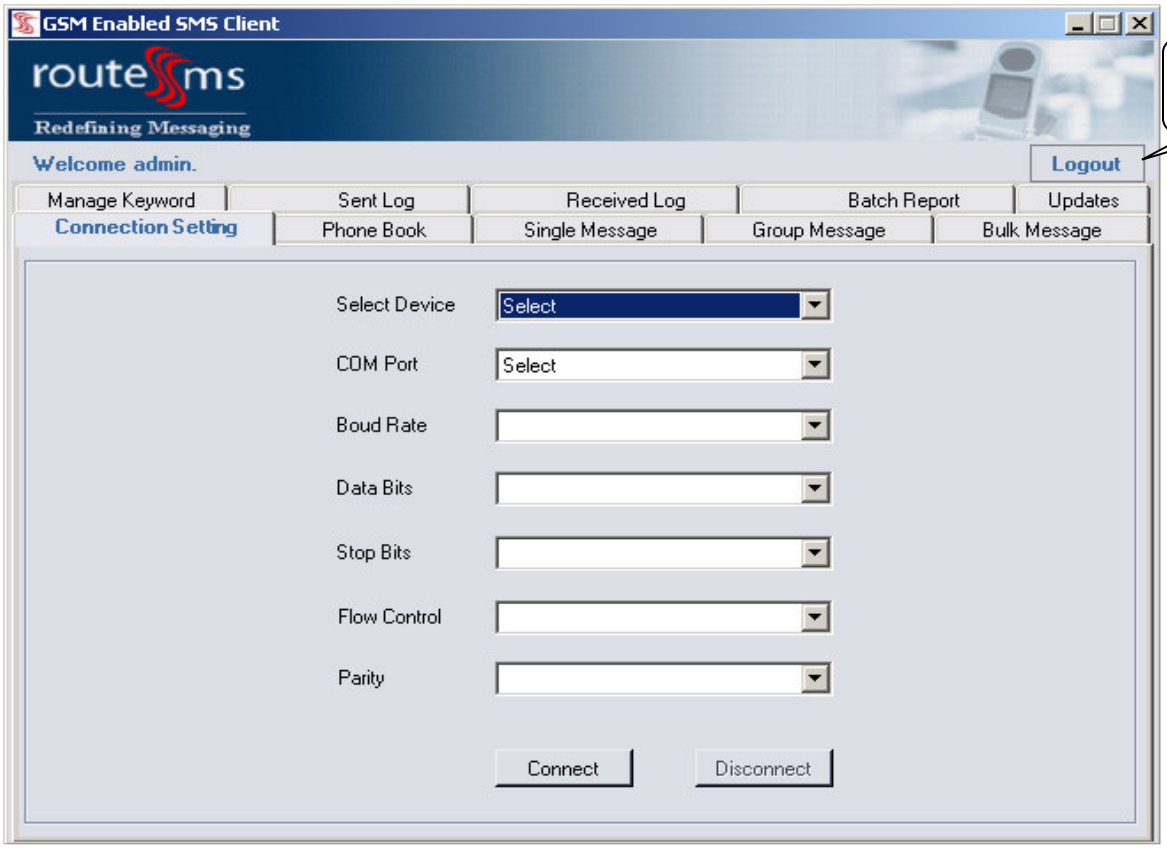
13. Updates:



Updates:

- If you want to update this application then use this tab page.
- To get updates you required to have active internet connection, if you are using proxy server then enter details for proxy server.
- Click the 'Get Update's Now' button to get updates.

14. Logout:



Logout:

- If you want to logout then click the 'logout' button, this will close the application.